

Remarks/Arguments

Claims 1-17 are currently pending in the application. Claims 1 and 2 have herein been amended and are fully supported by the specification. Applicant has amended the claims to clarify the claim language. No new matter has been added to the prosecution of this application. For at least the reasons stated below, Applicant asserts that all claims are now in condition for allowance.

Drawings

The Examiner has reviewed the proposed drawing corrections and accepted them. New drawings are submitted herewith.

1. Claim rejections under 35 U.S.C. § 103.

The Examiner has rejected claims 1, 3 and 8 under 35 U.S.C. § 103(a) as being unpatentable over Pohl. Claim 1, as amended, calls for a thin flat disc-shaped high frequency resonator. The Pohl reference does not disclose a resonator that is thin, flat, or disc-shaped. Indeed the Pohl reference at column 2, lines 30-32 teaches that the height, width and length dimensions of the quartz crystal are all preferably about .1 mm. Thus, the Pohl reference effectively teaches away from a thin, flat disc-shaped quartz crystal. Moreover, the Examiner uses Watanabe et al. to teach a quartz crystal resonator formed in a flat disc-typed shape, in rejecting claim 2. However, Watanabe does not discuss the use of a resonator in the context that the present invention does. Thus, it would be counterintuitive, in light of the teachings of Pohl, to combine Pohl with Watanabe because Pohl effectively teaches away from Watanabe.

It is therefore respectfully contended by the Applicant that claim 1 is not obvious over Pohl nor is it obvious over Pohl in view of Watanabe. As all of the other claims of the application, as presently amended, depend from claim 1 directly or indirectly, Applicant respectfully asserts that all claims are now in condition for allowance.

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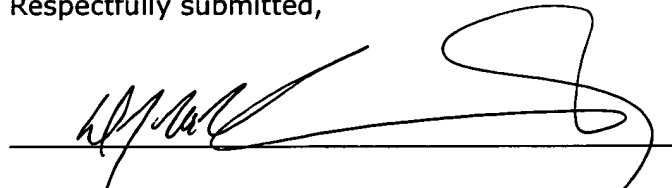
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3. Conclusion

Applicant submits that all pending claims are allowable over the art of record and respectfully requests that a Notice of Allowance be issued in this case. In the event a telephone conversation would expedite the prosecution of this application, the Examiner may reach the undersigned at 612-607-7384. If any fees are due in connection with the filing of this paper, the Commissioner is authorized to charge such fees including fees for any extension of time, to Deposit Account No. 50-1901 (Docket 18079/300101).

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'David J. McKinley', is written over a horizontal line.

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